

NOV 26-48-1-28 16

AUTHOR: Parovshchikov, V.Ya. (Slobodskoy Beaver Reserve, Tundra
Station, Northern Railway)

TITLE: The Banding of the Forest Marten (Kol'tsevaniye lesnoy kunitsy)

PERIODICAL: Priroda, 1958, Nr 1, pp 115-116 (USSR)

ABSTRACT: Formerly the question of marten migration in Arkhangel'skaya
Oblast' was unsettled. On 26 Jun 1953, a litter of young
martens was banded (ears) 40 km south of Arkhangel'sk. Four
of the banded martens were caught between 20 Oct 1954 and
21 Nov 1956 at distances between 4 and 10 km south and east
of the original banding site. There is 1 map.

Card 1/1

PAROVSHCHIKOV, V.Ya.

Notes on the distribution of certain mammals in Archangel Province.
[with English summary in insert]. Zool.shur.35 no.11:1738-1742 D '56.
(MLRA 10:1)

1. Slobodskoy bobrovyy zakaznik, Arkhangel'skaya oblast'.
(Archangel Province--Mammals)

S/032/60/026/06/31/044
B010/B016

AUTHORS: Pavlov, P. A., Paromenskiy, A. A., Lifshits, I. I.
TITLE: Device for a Simultaneous Test of Cyclic Torsion and
Constant Stretching

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol. 26, No. 6, pp. 762-764

TEXT: A device is described (Fig. 1) which is able to produce in tube samples an alternating moment up to 2500 kgm, with simultaneous constant tensile stress up to 20 tons. To produce the torsional moment, the device with the sample is placed in a common pulsator (e.g. of the Armavirskiy zavod (Armavir Plant)), which is applicable to transverse-fatigue tests at a load up to 50 tons. The sample is fastened by means of two connecting pieces to the mobile holder of the pulsator. Contact loads are formed during the test on two points which are antisymmetric to the axis of the sample and thus produce a torsional moment. The tensile stress of the sample is performed by means of a hydraulic apparatus which contains two pressure cylinders. The quantity of the tensile load is determined

Card 1/2

Device for a Simultaneous Test of Cyclic
Torsion and Constant Stretching

S/032/60/026/06/31/044
B010/B016

from the mean pressure in these cylinders by means of pressure gauges.
There is 1 figure. /

ASSOCIATION: Leningradskiy politekhnicheskij institut im. M. I. Kalinina
(Leningrad Polytechnic Institute imeni M. I. Kalinin)

Card 2/2

PAROVSHCHIKOV, V. Ya.

Feeding of the pine marten near Archangel. Zool. zhur. 40 no. 7:
1112-115 J1 '61. (MIRA 14:7)

1. State Hunting Inspection of Archangelsk.
(Archangel Province—Martens) (Animals, Food habits of)

PARPALA, O., candidat in stiinta economice (Iasi)

Financing and amortization of the basic stock. Probleme econ 14 no.11:
52-65 N '61.

PAPPAIA, O., candidat institute economice

Working peasantry's living standards during the period between
the two World Wars. Probleme econ 17 no. 6:102-117 Je '64.

PARPALA, O., candidat in stiinta economice

Treating economic problems at the level of the tasks of socialist
agriculture development. Probleme econ 17 no.2:137-142 P 64.

PARPAROV, I.L., inzh.

Damages in evaporational cooling systems due to cavitation
and measures for preventing them. Energ. i elektrotekh.
prom. no.4:62-64, O-D '65. (MIRA 19:1)

PARPAROV, Ye.

Silvering glass Christmas tree ornaments by means of a semiautomatic machine. Prom. koop. 12 no.8:18 Ag '58. (MIRA 11:9)
(Silvering) (Decoration and ornament)

PARPAROVA, G.M.; CHISTYAKOVA, A..

Practice in the study of solid bitumens by the petrographic
method. Trudy VNIGRI no.227 Geokhim.sbor. no.9:241-249 '64.
(MIRA 18:1)

PARPAROVA, G.M.

Study of the disseminated organic matter in rocks by the
petrographic method. Trudy VNIGRI no.220. Geol. sbor. no.8:
273-307 '63. (MIRA 17:3)

USPENSKIY, V.A.; RADCHENKO, O.A.; GLEBOVSKAYA, Ye.A.; GORSKAYA, A.I.;
SHISHKOVA, A.P.; PARPAROVA, G.M.; KOLOTOVA, L.P.; MEL'TSANSKAYA,
T.N.; NERUCHEV, S.G., red.

[Principles of the genetic classification of bitumens]. Osnovy
geneticheskoi klassifikatsii bitumov. Leningrad, Nedra, 1964.
266 p. (Leningrad, Vsesoluznyi neftianoi nauchno-issledovatel'-
skii geologorazvedochnyi institut. Trudy. no.230).

(MIRA 17:7)

PARPAROVA, G.M.

Studying charred plant remains in the Dzhugurtino-Gilyaksky
region of the Chechen-Ingush A.S.S.R. by the petrographic
method in the light of the carbon ratio theory. Trudy VNIGRI
no.190:158-169 '62. (MIRA 16:1)
(Chechen-Ingush A.S.S.R.—Petroleum geology)

PARPIYEV, A.

STAROBINETS, I.S.; PARPIYEV, A.

Equilibrium constants of main petroleum hydrocarbons. Izv. AN
Turk. SSR no.1:101-103 '57. (MLBA 10:4)

1. Turkmenkiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta.

(Hydrocarbons)

PARPIYEV, K.M.; SHAYAKHMEDOVA, R.S., red.; AGZAMOV, K., tekhn.red.

[Chronic colitis]Khronicheskie kolity. Tashkent, Medgiz.
UzSSR, 1962. 22 p. (MIRA 16:3)
(COLITIS)

PARPIYEV, K.M., assistant

Pathogenesis and treatment of trophic ulcers. Med. zhur. Uzb. no.3:
80-85 Ag '61. (MIRA 15:1)

1. Iz kafedry fakul'tetskoy terapii lechebnogo fakul'teta (zav. -
prof. A.A.Askarov) Tashkentskogo gosudarstvennogo meditsinskogo
instituta.
(ULCERS) (NERVOUS SYSTEM, SYMPATHETIC)

ASKAROV, A.A., prof.; YAKHONTOVA, Yu.V., kand.med.nauk; PARPIYEV, K.M.

Clinical aspects of right-sided colitis. Med.zhur.Uzb. no.8-9:
18-23 Ag-S '58. (MIRA 13:6)

1. Iz 2-y terapevticheskoy kliniki Tashkentского gosudarst-
vennogo meditsinskogo instituta.
(COLITIS)

PARPIYEV, N.A.; ARIPOV, E.A.

X-ray diffraction study of Az-Kamar white bentonite and its
cation-substituted forms. Uzb. khim. zhur. 7 no.5:34-37 '63.
(MIRA 17:2)

1. Institut khimii AN UzSSR.

5(2)

AUTHORS:

Parpiyev, N.A., Bokiy, G.B.

05855

SOV/78-4-11-8/50

TITLE:

The Structure of the Crystals of Hydroxo-nitroso-tetramine Ruthenium Chloride

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 11, pp 2452-2459 (USSR)

ABSTRACT:

The compound $[Ru(NO)(OH)(NH_3)_4]Cl_2$ was supplied by V.I. Goremykin. The resultant geometric values of the monocrystals are listed in table 1. The compound is diamagnetic, and its magnetic susceptibility was determined by V.I. Belova at the Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova Akademii nauk SSSR (Institute of General and Inorganic Chemistry imeni N.S. Kurnakov of the Academy of Sciences, USSR). The piezoelectric effect of the crystals was measured by V.A. Koptsik at the fizicheskii fakul'tet MGU (Physical Department of Moscow State University). The lattice constants were determined by X-ray analysis. The crystals belong to the space group C2. For the X-ray analysis, the authors took radiographs of the zero-contour line with the help of a KFOR camera with molybdenum radiation

Card 1/3

05855

SOV/78-4-11-8/50

The Structure of the Crystals of Hydroxo-nitroso-tetramine Ruthenium Chloride

and an RGNS camera with Cu radiation. Table 2 contains experimental and calculated values. In order to find the general feature of the structure, projections of the interatomic function were drawn on the surfaces (010) and (100) as well as the projection of the electron density on these two surfaces (Figs 1,2,4,5). The structure of the ruthenium compound under investigation is compared in figure 3 with that of potassium chloroplatinate. Figure 6 shows the distribution of the atoms of hydroxo-nitroso-tetramine ruthenium chloride within the elementary cell. The structure is based on the octahedral complex cation $[\text{Ru}(\text{NO})(\text{OH})(\text{NH}_3)_4]^{2+}$ and the chlorine anion. In the complex ion the Ru atom is placed in the center of the octahedron where four corners lying in one plane are occupied by NH_3 groups, while the two other corners in trans-position are occupied by the groups NO and OH. This trans-position of the NO and OH group is characteristic of all complex compounds of Ru investigated so far, which has never been pointed out before. The interatomic distances in the complex ion are: Ru - N (from NH_3) = 2.23 Å,

Card 2/3

The Structure of the Crystals of Hydroxynitroso-tetramine Ruthenium Chloride

05855

SOV/78-4-11-8/50

Ru - N (from NO) = 2.07 Å, Ru - O (from OH) = 1.98 Å. Accordingly, the linkage of Ru to NO and OH is closer than that to NH₂. The atoms Ru, N and O do not lie in a straight, but form an angle: Ru - N - O ≈ 150°. The interatomic distances of neighboring complexes are in good agreement with the intermolecular distances calculated from the Van der Waals atomic radii. There are 6 figures, 3 tables, and 8 references, 1 of which is Soviet.

ASSOCIATION:

Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova (Moscow State University imeni M.V. Lomonosov) Institut khimii Akademii nauk Uzbekskoy SSR (Chemical Institute of the Academy of Sciences of the Uzbek SSR)

SUBMITTED:

July 20, 1953

Card 3/3

ABUBAKIROV, I.K.; PARPIYEV, N.A.; ASHPULATOV, Yu.

Petrography of burned rocks in the Angren Valley. Uzb.geol.zhur.
no.4:16-23 '61. (MIRA 14:9)

1. Institut geologii i Institut khimii AN UzSSR.
(Angren Valley--Rocks, Sedimentary)

TALIPOV, Sh.T.; PODGORNOVA, V.S.; PARPIYEV, N.A.

X-ray diffraction and thermographic studies of lead fluohalides.
Uzb. khim. zhur. 7 no.5:70-71 '63. (MIRA 17:2)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina.

Parpiyev, N.A.

70-5-23/31

AUTHOR: Bokiy, G.B. and Parpiyev, N.A.

TITLE: X-ray Structural Investigation of Crystals of
 $[\text{Ru}(\text{NH}_3)_4(\text{NO})(\text{OH})]\text{Cl}_2$ (Rentgenostrukturnoye issledovaniye
 kristallov $[\text{Ru}(\text{NH}_3)_4(\text{NO})(\text{OH})]\text{Cl}_2$)

PERIODICAL: Kristallografiya, 1957, vol.2, No.5, pp. 691 - 693 (USSR)

ABSTRACT: Crystals of $[\text{Ru}(\text{NH}_3)_4(\text{NO})(\text{OH})]\text{Cl}_2$ when measured by
 optical goniometry had axial ratios $a:b:c$ of $1.535 : 1 : 0.722$
 and $\beta = 101^\circ 15'$. The refractive indices were 1.630, 1.708
 and 1.661. The unit cell dimensions determined using a retic-
 graph were $a = 11.48 \pm 0.02$, $b = 7.44 \pm 0.03$ and $c = 10.75 \pm$
 ± 0.02 Å. The observed density was 2.112 giving $Z = 4$ and a
 calculated density of 2.126. The extinctions were characteristic
 for the space group $C2$. Intensities were measured from Mo
 radiation pictures from a retigraph and Cu radiation pictures
 from a Weissenberg camera by visual comparison with a standard
 scale. The three Patterson projections on to xOz , xyO and Oyz
 were constructed, giving the locations of the heavy atoms and
 the xOz and xyO Fourier syntheses were made with reliability
 factors of 0.224 and 0.207, respectively. The atomic position
 parameters were found as follows: Ru (0.250, 0, 0.250);

SOV/70-4-1-5/26

AUTHORS: Parpiyev, N. A. and Poray-Koshits, M. A.

TITLE: The Structure of Crystals of Ammonium Tetrachloro-hydroxynitrosoruthenate (Stroyeniye kristallov tetrakhlorgidroksonitrozo-ruteniata ammoniya)

PERIODICAL: Kristallografiya, 1959, Vol 4, Nr 1, pp 30-37 (USSR)

ABSTRACT: The crystal structure of $(\text{NH}_4)_2\text{Ru}(\text{NO})(\text{OH})\text{Cl}_4$ has been completely determined by X-ray methods. Crystals were assigned by optical goniometry to the class 2/m. There was no piezoelectric effect. Photographs with NaCl standards from a retigraph (KFOR) gave cell dimensions of $a=11.26 \pm 0.02$, $b=6.76 \pm 0.01$, $c=15.76 \pm 0.02$ Å. $\beta=104^\circ 35'$. The cell is primitive with $Z=4$, and corresponds to the space group $P2_1/c$. The optical properties are: $2V=+86^\circ$, refractive indices are 1.798, 1.779 and 1.757. Three zones were measured, 15⁰ independent reflexions being collected in the $h0l$ zone 99 in the $Ok\bar{l}$ and 50 in the $hk0$. The Ru atoms lie in general positions which were determined from the three Patterson projections. Electron density syntheses were constructed using phases from the Ru positions. These

Card1/3

SOV/70-4-1-5/26
The Structure of Crystals of Ammonium Tetrachlorohydroxynitrosoruthenate

were refined and tables of final F_{obs} and F_{calc} are given with reliability factors for the $h0l$, $0k1$ and hkl projections of 0.22, 0.23 and 0.24 respectively. The atomic parameters (x,y,z) found were Ru (0.284, 0.156, 0.094); Cl_I (0.406, 0.448, 0.125); Cl_{II} (0.238, 0.177, 0.229); Cl_{III} (0.337, 0.135, -0.043); Cl_{IV} (0.171, -0.135, 0.062); OH (0.141, 0.323, 0.032); N (of NO) (0.415, -0.031, 0.168); O (of NO) (0.508, -0.104, 0.187); (NH₄⁺)_I (0.056, 0.406, 0.354); (NH₄⁺)_{II} (0.311, 0.844, 0.431). The structure consists of NH₄⁺ ions with octahedral Ru(NO)(OH)Cl₅ complexes in alternation. Four vertices in a square of the Ru coordination octahedron are occupied by Cl⁻ ions and the NO and OH groups are in the trans-position. The distances in the complex are Ru-Cl, 2.35 ± 0.02; Ru-N, 2.04; Ru-O, 2.03; Cl-Cl, 3.33. The Ru radius agrees with that found in other compounds. The structure as a whole is approximately a face-centred

Card2/3

SOV/70-4-1-5/26

The Structure of Crystals of Ammonium Tetrachlorohydroxynitrosoruthenate

assembly of the complex ions.

Acknowledgments are made to Professor G. B. Bokiy for his advice.

There are 6 figures, 4 tables and 5 references, 2 of which are Soviet, 2 English and 1 international

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni
M. V. Lomonosova (Moscow State University imeni
M. V. Lomonosov)

SUBMITTED: July 26. 1953

Card 3/3

PARPIYEV N. A.

PARPIYEV,

~~PARPIYEV~~, N. A. Cand Chem Sci -- (diss) "X-ray ^{structural} study of the crystals of complex compounds of ruthenium containing hydrox^{o-} and nitroso-groups."

Mos, 1958. 11 pp (Mos Order of Lenin and Order of Labor Red Banner State Univ im M. V. Lomonosov. Chem Faculty. Chair of Physical Chemistry), 120 copies (KL, 11-58, 113)

PARPIYEV, N.A.; POMAY-KOSHITS, M.A.

Structure of crystals of ammonium tetrachlorohydroxynitrosutheniate. Kristallografiia 4 no.1:30-37 Ja-P '59. (MIRA 12:4)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Ammonium compounds) (Crystallography)

ISHNIYAZOV, D.; PARPIYEV, M.A.

Conditions governing the formation of accessory minerals of boron
in the Upper Jurassic chemogeric formation of Uzbekistan. Uzb.geol.
zhur. 7 no.5:26-31. '63. (MIRA 17:3)

1. Institut geologii im. Abdullayeva AB UzSSR i Institut khimii AN
UzSSR.

PARPIYEV, N. A.,

"X-ray Structural Investigation of Crystals of Complex Compounds of Ruthenium, Containing Hydroxynitroso Groups," Moscow, 1958. (Dissertation presented and approved for the degree of Cand. Chem Sci.) Moscow State Univ. Imeni M. V. Lomonosov.

PARPIYEV, N.A.
BOKIY, G.B.; PARPIYEV, N.A.

X-ray structural analysis of $[\text{Ru}(\text{NH}_3)_4(\text{NO})(\text{OH})]\text{Cl}_2$ crystals.
Kristallografiia 2 no.5:691-693 '57. (MIRA 11:1)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Ruthenium compounds) (X-ray crystallography)

PARPIYEV, N.A.; SARUKHANOV, M.A.; GANIYEV, A.

Infrared spectra of cobalt (III) complex compounds. *Uzb.khim.zhur.*
8 no.5:54-60 '64. (MIRA 18:5)

1. Institut khimii AN UzSSR.

MAKSUTOV, N.Kh.; TALPOV, S.T.; PARFIYEV, N.A.

Analysis of primary calcium. Vzd. zash. zhuk. 1972. 1. 12.

1. Institut khimii AN UZSSR.

NUZHNIY, V.M. [Nuzhnyi, V.M.; PARPOLITO, V.P.; SHIMANSKIY, Yu.I.
[Shymans'kyi, IU.I.]

Rate of evaporation of droplets of aqueous solution of NaCl in
a stationary surrounding vapor - gas phase. Ukr. fiz. zhurn.
no. 11, 1965. (MIRA 18: 12)

1. Kiyevskiy gosudarstvennyy universitet imeni Shevchenko.
Submitted Dec. 22, 1964.

1967

[illegible]

Per Mead: _____

[illegible]

Herberty left at 5:10 p.m. on April 15, 1964, for the ...

KRYLOV, G.M.; PARPIYEV, N.A.

X-ray study of the products from the interaction of clinker minerals and Portland cement with natural burnt clay in an autoclave.
Uzv. khim. zhur. no.3:3-11 '60. (MIRA 13:10)

1. Institut khimii AN UzSSR.
(Portland cement) (Clay)

SHAMSUTDINOV, Z. Sh.; PARPIYEV, Yu.

Ecological and physiological characteristics of *Ferula assa foetida* L. of Kyzyl Kum. Bot. zhur. 48 no.3:440-443 Mr '63.
(MIRA 16:4)

1. Vsesoyuznyy institut karakulevodstva, Samarkand.

(Kyzyl Kum--*Ferula*)

STEPANOV, G.M., inzh.; PARR, G.K., inzh.; DVORTSOV, L.D., inzh.

Connecting apparatus for multiplexing apparatus of R-60/120 radio
relay systems. Vest. svyazi 24, no.1:7-9 Ja '64. (MIRA 17:3)

AL'TERMAN, Ya.L., inzhener; DEM'YANCHENKO, G.V., inzhener; ~~PARR, G.K.,~~
inzhener; TARAKANOVA, M.S., inzhener.

Measuring instrument stand for voice-frequency carrier telegraphic
apparatuses. Vest.sviazi 16 no.2:3-5 P '56. (MLRA 9:7)
(Telegraph--Apparatus and supplies)

IVAKHNEKO A.G.; PARRA, I.K.; SHUKAYLO, Ye.M.

Development of a reversing drive for the cable drum of an electric tractor. Sbor.trud.Inst.elektrotekh. AN URSR no.14:75-92 '56.
(Electric driving) (Magnetic amplifiers) (MLRA 9:12)
(Tractors)

PARRA, I.K.; KRUTIKOVA, V.Ya.

Magnetic commutator for a telemetering system. Avtomatyka
no.1:69-81 '57. (MLRA 10:5)

1. Institut elektrotehniki AN URSR.
(Electric relays) (Telemeter)

МАРРА, Т. П.

3 321. Труды Ин-та физ. и хим. науки, вып. 1, 1974, с. 1-10. (См. также: Труды Ин-та физ. и хим. науки, вып. 2, 1974, с. 1-10.)
i kh sledyashchikh sluchayev regulirovaniya i upravleniya. (См. также: Труды Ин-та физ. и хим. науки, вып. 1, 1974, с. 1-10.)
Tekhn. statey. (Akad. nauk ukr. SSR. Inst. elektrotekhn. i inzh. fiz., 1974, 1-10.)
Bibliogr.: 10 назв.

10: Elektron. Zhurnal'nykh statey, vol. 3, 1974

PARRA, I. K.

PA 153758

USSR/Engineering - Synchronous Machine
Instruments, Electronic

Nov 49

"A Trigger Device for Measuring and Registering the Rotor-Shift Angle of Synchronous Machines," A. G. Ivankhenko, Cand Tech Sci, I. K. Parra, Engr, Inst of Elec Eng, Acad Sci Ukrainian SSR, 3 1/2 pp

"Elektrichestvo" No 11

Describes photoelectric device for measuring, transmitting, and recording rotor-shift angle of synchronous machine, with respect to rotor of second synchronous machine, or with respect to voltage vector at any point of three-phase circuit. Includes eight diagrams. Submitted 16 Jul 49.

PA 153758

PARRA, I.K.; PETINA, N.V.

Automated cathodic protection station. Gaz. prom. 7 no.3:46-49
'62. (MIRA 17:8)

PARRA, I. K., JR SCI ASSOC

Dissertation: "Investigation of Magnetic Amplifiers With Feedback, Used in Measuring Circuits." Cand Tech Sci, Inst of Electrical Engineering, Acad Sci Ukr SSR, 21 Apr 54.
(Pravda Ukrainy, Kiev, 11 Apr 54)

SCI: SUM 247, 19 Oct 54

IVAKHLENKO, A.G.; PARRA, I.K.

Selection of short-circuited rotors and the simplification of
magnetic-drive circuits with asynchronous motors. Avtomatyka
no.1:69-83 '55. (MLRA 9:10)

1. Institut elektrotehniki Akademii nauk URSR.
(Electric motors, Induction)

IVAKHNEKO, A.G.; ~~PARRA, I.K.~~

Controlling asynchronous motors by rotor premagnetization. Avtematyka
no.1:52-68 '56. (MIRA 9:10)

1. Institut elektrotehniki Akademii nauk URSS.
(Automatic control) (Electric motors, Induction)

IVAKHINENKO, O.G.; PARRA, I.K.; SHUKAYLO, Ye.M.

Industrial testing of magnetic drives with alternating-current
meters. Avtomatyka no.2:44-50 '56. (MLRA 9:10)

1. Institut elektrotekhniki Akademii nauk URSS.
(Servomechanisms) (Electric meters, Alternating current)

PARRA, I.K. (Kiyev)

Method of designing saturable reactors for reversible controlled a.c.
drives. Avtomatyka no. 1:49-62 '60. (MIRA 14:5)

1. Rabota vypolnena v laboratorii avtomaticheskogo regulirovaniya
Instituta elektrotekhniki AN USSR.
(Magnetic amplifiers)

PARRA, I.K. (Kiyev); PETINA, N.V. (Kiyev)

Automatic potential regulator for the protection of underground
structures against corrosion. Avtomatyka no.2:76-78 '62.
(MIRA 15:5)

(Pipelines—Corrosion) (Electric lines—Underground)

PARRA, L.K. (K. y. y.)

Study of learning processes in a cognitive system with one positive
feedback. Avtomatyka 8 no.5:58-68 '63. (MIRA 17:1)

PARRA, I. K.

"A Magnetic Commutator and Its Application for a Telemetering System," by I. K. Parra and B. Ye. Krutikova, Avtomatika, No 1, 1957, pp 65-78

This article examines a magnetic commutator for transformer magnetic amplifiers which was designed at the Institute of Electrical Engineering of the Academy of Sciences Ukrainian SSR.

The magnetic commutator gives a means of obtaining current or voltage readings at output, which are proportional to measured values.

The automatic control laboratory is constantly working on the problems of interference elimination and the rate of action of the magnetic commutators on the magnetic amplifiers of transformers with various telemetering, telecontrol, and telesignaling systems. (U)

SUM. 1391

PARRA, I.K.; ROZOV, Yu.M.; CHUGUNNYI, Ye.G. [Chuhunnyi, IE.H.]

Results of industrial tests of choke-controlled 10 kw. a.c. drives.
Avtomatyka no. 5:46-50 '60. (MIRA 14:4)

1. Institut elektrotekhniki AN USSR.
(Electric driving—Testing) (Automatic control)

KROTKENKO, V.P. (Kiyev); PARRA, I.K. (Kiyev); KHRUSHCHEVA, N.V. [Khrushchova,
N.V.] (Kiyev)

Contactless elements of the "Al'fa" cognitive system using
transfluxers. Avtomatyka. 10 no.4:76-80 '65.

(MIRA 18:10)

L 03010-67 FWT(d)/T/FWT(1) L/P(c) BR/CG

ACC NR: AP6005853

SOURCE CODE: UR/0102/65/000/004/0076/0080

AUTHOR: Krotenko, V. P. (Kiev); Parra, I. K. (Kiev); Khrushchova, N. V. (Kiev) 51
B

ORG: none

TITLE: Contactless elements of the "Alpha" recognition system using transfluxors 160

SOURCE: Avtomatyka, no. 4, 1965, 76-80

TOPIC TAGS: self organizing system, pattern recognition, associative memory, memory core

ABSTRACT: The article describes associating elements in the "Alpha" recognition system and an adder using transfluxors. The first associating element described is for a recognizing system with an extreme regulator and general (external) feedback. It uses four transfluxors. The second circuit has local (internal) feedback and is based on the first circuit, but has six transfluxors. In contrast to circuit 1 it falls into the proper state almost instantaneously without prior trials; this is accomplished by cutting the control and blocking windings of two extra feedback switches into the whole shift and control circuit by means of two switches which enter into the makeup of each circuit. Voltage adding circuits are also described in some detail. The

Card 1/2

PARRA, Irina Konstantinovna; PETINA, Nina Vladimirovna; IMAS,
R.L., red.; TURBANOVA, N.A., tekhn. red.

[Automatic station for the cathode protection of underground metal pipelines from corrosion] Avtomaticheskaiia stantsiia katodnoi zashchity podzemnykh metallicheskikh truboprovodov ot korrozii. Kiev, Izd-vo AN USSR, 1963.
49 p. (MIRA 17:1)

HORVATH, I.; SZENTIRMAL, A.; BAJUSZ, S.; PARRAGH, Etc

Production of inductive amylase by penicillium chrysogenum.
Acta microb. hung. 7 no.1:19-29 '60.

1. Research Institute of the Pharmaceutical Industry, Budapest.
(AMYLASES chem.)
(PENICILLIUM metab.)

KURNIK, E.; POZSAR, B.I.; PARRACH, J.

Different ploidies observed in the root tip meristem of progenies obtained by gamma irradiation (Co-60) of pea flower buds. Acta bot Hung 9 no.1/2:67-74 '63.

1. Agricultural Experimental Institute, Iregszemcse, Hungary.

BINDER, Laszlo, dr.; GOBEL, Zsuzsa, dr.; HARASZTI, Maria, dr.;
PARRAGH, Janosne.

Primary staphylococcal pneumonia in infants and small children.
Gyermekgyógyászat 7 no.3:77-89 March 56

1. A foveáros Laszlo kórháza (igazgató-főorvos: Ferencz Pál dr.)
közleménye.

(MICROCOCCLUS PHOGEINUS, infect.
pneumonia, in inf., incidence, bacteriol. & symptoms
(Hun))

(PNEUMONIA, in inf. & child
micrococcal, in inf., incidence, bacteriol. & symptoms
(Hun))

PARRAK, V., dr.PhMr.

Investigation of the stability of the aqueous solution of alkaloid
physostigmine. Acta chimica Hung 33 no.2:121-133 '62.

1. Staatliches Institut für Arzneimittelkontrolle in Bratislava,
Bratislava, Palisady 40/2, Czechoslovakia.

PARRAK, V.; RADEJOVA, E.; MACHOVICOVA, F.

Oscillipolarographic and chromatographic examination of lidocaine
disturbed stability. Chem zvesti 18 no.5/6:369-377 '64.

1. State Institute of Drug Control, Bratislava.

7
CZECHOSLOVAKIA

PARNAK, V; KONELSKA, O.

State Institute of Drug Control (Statny ustav pre
kontrolu lieciv), Bratislava (for both)

Bratislava, Farmaceuticky obzor, No 9, 1963, pp 386-397

"Analysis of Quality and Stability Demands of Emetinhydro-
chloride Solutions."

PARLAK, V.

Oscillopolarographic investigations on quinine, quinidine, cinchonine and cinchonidine. Cesk. farm. 4 no.7:337-339 Sept 55.

1. Zo Statneho ustavu pre kontrolu lieciv v Bratislave.
 - (QUINIDINE, determination, oscillopolarographic)
 - (QUININE, determination, oscillopolarographic)
 - (CINCHONA ALKALOIDS, determination, cinchonine & cinchonidine, oscillopolarographic)

PARRAK, V.

Oscillopolarographic differentiation between atropine and eumydrine. Cesk. farm. 4 no.4:180-181 May 55.

1. Zo Statneho ustavu pre kontrolu lieciv Bratislava.

(ATROPINE, determination

oscillopolarographic differentiation from atropine methylnitrate)

(ATROPINE, derivatives

methylnitrate, oscillopolarographic differentiation from atropine)

(POLAROGRAPHY

oscillopolarographic differentiation between atropine and atropine methylnitrate)

Med ✓ Oscillographic studies of several alkaloids with
tropans and tropane linkages. V. Parrak (State Inst.
Medicinal Control, Bratislava, Czech). *Paracetamol* 11,
205-8(1954). Various related alkaloids can be distinguished
even in mixts. by indentations in the oscillograms. Thus,
it was possible to distinguish atropine, Eumydrin, hyoscy-
amine, scopolamine, homatropine-HBr, cocaine, hydrastine,
berberine, rotaridine, and nareine. 25 references.

G. M. Hocking

PARRAK, V.

CZECH
USSR

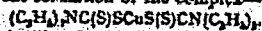
12537. Polarographic Determination of Leptazol by an Indirect Method. V. Parrak. *Czechoslovak Pharm.* 1954, 8 (2), 43-44; *Russkaya Khim.* 1954, Abstr. No. 46,895. —Leptazol is converted into a copper complex, which is then determined polarographically. *Procedure*—To a soln. of Leptazol (80 to 130 mg per 100 ml) add 20 to 30 ml of a freshly prepared soln. of CuCl_2 (1.25 g of CuCl_2 + 10 g of NH_4Cl + 1 g of Na_2SO_4 + water to 100 ml) and cool. After 1 to 2 hr., separate the complex quant. on a 1G4 glass filter and wash, first with 40 ml of a 1 per cent. soln. of acetic acid, and then with ethanol and anhydrous ether. Dissolve the ppt. in a soln. prepared by mixing 4 ml of a 23 per cent. aq. NH_3 soln., 0.2 ml of a freshly prepared conc. Na_2SO_4 soln. and sufficient 0.5 N NH_4Cl soln. to make 100 ml. Add 2 or 3 drops of a 0.1 per cent. gelatin soln. and polarograph. Determine the amount of Leptazol from a calibration curve for one of the two waves $\text{Cu}^{2+} \rightarrow \text{Cu}^+ \rightarrow \text{Cu}$.

E. HAYES

CZECH

USSR

2539. Electrophotometric study of tetraethylthiuram disulphide. V. Parrák (Czechoslovakia), 1984, 8 (3), 87-89; *Referativnyi Zh. Khim.*, 1984, Abstr. No. 48,172).—When 3 ml of a soln. of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ in methanol (0.0392 g in 100 ml) are added to 0.1 to 0.8 ml of a soln. of tetraethylthiuram disulphide (I) in the same solvent (100 to 800 μg of I), a stable yellow colour is produced, owing to the formation of the complex—



The soln. is diluted with methanol to 100 ml and, after 25 min., the colour is measured in a Hilger spectrophotometer with filters H503 and H601 and 1-cm cuvettes. For 0.1 to 0.8 mg of I, the relative error is -3 to $+3$ per cent. In the analysis of tablets, I is extracted with CCl_4 . E. Havas

81

5
P. H. R. R. K. V.
Oscillopolarographic study of arecoline, piperine, ricin,
brucine, and strychnine. V. Párák (Stát. úst. lekárn.
Bratislava). Českoslo. J. Farm. 5, 81-7(1956). — A
polarograph with a satd. calomel electrode and a dropping-
Hg electrode ($h = 45$ cm.) were used. In an acid medium
(2N H_2SO_4) arecoline (I) gives no indentation on the $dV/dt = f(V)$ curve, piperine (II) gives a deep cathodic in-
dentation, ricin (III) gives a more pos. one. II and III
can be detd. in mixt.; when using a flowing Hg electrode
III gives no indentation. In tot. alk. medium (2N $NaOH$), I
gives a shallow cathodic indentation which disappears after
30 sec. Acid hydrolysis of II was studied by this method.
Strychnine and brucine show very similar cathodic indenta-
tions and anodic deformations and cannot be distinguished.
Dr. H. H. H. H. H.

PARRAK, V.

Oscillopolarographic studies of several alkaloids with pyridine and indole nuclei. V. Parrák (State Inst. Medicals Control, Bratislava, Czech.). *Pharmazie* 11, 601-4 (1956).--Various alkaloids of the pyridine group (arecoline (I), piperine (II), nicotine (III)) and of the indole group (strychnine (IV), brucine (V), yohimbine (VI)) may be detd. qualitatively by the position of the indentation in the oscillogram. II and III can be distinguished in the acid range; I is not as specific. IV, V, and VI are readily distinguished one from the other in a medium of 3N LiCl. Loss of the indentation in the curve was observed with advancing hydrolysis of piperine to piperidine and piperidine acid, carried out with 2N H₂SO₄. 25 references. G. M. Hocking.

MACHOVICOVA, F.; PARRAK, V.

Detection of decreased stability of injectable solutions of
emetine chloride with the use of chromatography. Cesk. farm.
13 no.4:200-203 My'64.

1. Statny ustav pro kontrolu lecir, Bratislava.

PARRAK, V.

CZECH

Thiosen-carbazones. Properties, pharmaceutical effect, and estimation. V. Parrak (St. ústav kontroly léčiv, Bratislava, Czech.). *Průmysl* 22, No. 8, 2-5(1953).— For estn. of 4-acetamidobenzaldehyde thiosemicarbazone the gravimetric analysis proved the best. Tablets are extd. in Soxhlet extractor with MeOH for 2 hrs. A satd. soln. of AgNO₃ in MeOH is then added to the ext. and the resulting ppt. is detd. gravimetrically. K. Macek

PARRAK, V.

CZECH

Stopetyl, an antialcoholism. Its properties and chemical determination. V. Parrak (St. ústav kontroly živ. Bratislava, Czech). *Parazitika* 22, No. 11-12, 19-22 (1953).—Stopetyl, tetraethylthiuram disulfide (I), is converted to sulfate by oxidation with HNO_3 in the presence of ammonium vanadate and H_2O_2 , potentiometrically or conductometrically. The reactivity of I with Cu^{++} , Cd^{++} , Ni^{++} , Co^{++} , Fe^{++} , Pb^{++} , and Ag^{+} salts was investigated and the application of these reactions for detn. was suggested. Results are not given. K. Múcek.

PARRAK, V.

DUSINSKY, G.; PARRAK, V. "Photometric determination of potassium guaiacol sulfonate in syrups." p. 465. (Chemicke Zvesti. Vol. 5, no. 8, Oct. 1951. Bratislava.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954,
Uncl.

MACHOVICOVA, F.; PARUCK, V.; MOHLESKA, O.

Studies on physostigmine decomposition with the aid of paper chromatography. Cesk. farm. 11 no.4:196-199 My 162.

1. Statny ustav pre kontrolu lieciv, Bratislava.
(CHROMATOGRAPHY) (PHYSOSTIGMINE chem)

PARRAK, Voytekh [Parrak, Vojtech]

Some results obtained in studying alkaloid decomposition using
oscillographic polarography. Apt. delo 11 no.2:79-82 Mr-Ap '62.
(MIRA 15:5)

1. Gosudarstvennyy kontrol'nyy institut lekarstvennykh sredstv,
Oblastnoy institut, Bratislava, Chekhoslovatskaya Sotsialisticheskaya
Respublika.

(ALKALOIDS) (POLAROGRAPHY) (OSCILLOGRAPHY)

PARRAKOVA, E.; ENTNEROVA, K.; LAMPRECHT, R.

The location of refuse bins in block buildings from the hygienic aspect.
Cesk. hyg. 7 no.9:568-572 0 '62.

1. Oblastny ustav hygieny, Bratislava.
(REFUSE DISPOSAL)

PARRAKOVA, E.

The contribution to the experimental motivation of the guard bands of small water sources from the point of view of Hygiene of soil. Cesk. hyg. 10 no. 6:335-343 J1'65.

1. Vyskumny ustav hygieny, Bratislava.

MACUCH, P.; DROBIL, M.; GRUNT, J.; PARPAKOVA, E.

Problems of communal hygiene in rural areas. Cesk. hyg. 7 no.6:
362-367 J1 '62.

(RURAL HEALTH)

PARRAKOVA, E.

CZECHOSLOVAKIA

no academic degree indicated

District Institute of Hygiene (Oblastny ustav hygieny), Bratislava

Prague, Ceskoslovenska Hygiena, No 9, Oct 62, pp 568-572.

"The Location of Refuse Bins from a Hygienic Standpoint in Block Buildings"

Co-authors:

ENTHEROVA, K. same as above

LAMPRECHT, R. " " "

PARRAKOVA, E. [Paráková, E.]

Best methods for refuse disposal in rural populated areas. Sig. 1
san. 2) no.2:91 P 58. (MIRA 11:4)
(CZECHOSLOVAKIA--REFUSE AND REFUSE DISPOSAL)

PARRAKOVA, Edita

First International Congress on the Disposition and Utilization
of Household Refuse in Scheveningen (Holland). Biologia 15 no.5:
395-396 '60. (EERAI 9:11)

(INTERNATIONALE ARBEITSGEMEINSCHAFT FUR MULLFORSCHUNG)
(REFUSE AND REFUSE DISPOSAL)

PARRAKOVA, E. (Bratislava, Oblastny ustav higieny, ul. CSA 40)

Chemical, physical and helminthological analysis of soil for hygienic purposes. Lek.obzcr 3 no.10:610-617 1954.

1. Z Oblastneho ustavu higieny.

(SOIL, bacteriology,

analysis, importance for public health)

(PUBLIC HEALTH,

soil analysis, method & importance)

CZECHOSLOVAKIA

~~PARRAKOVA, E.~~; SECKAROVA, A.; KRCMERY, V.; Research Institute of Hygiene (Vyskumny Ustav Hygieny) Project Head (Ideovy Vedouci Ukolu) Prof Dr P. MACUCH

"The Characteristics of Enterobacteriaceae of the Environment of Establishments of Livestock Production."

Prague, Veterinarni Medicina, Vol 13, No 2, Feb 67, pp 69 - 72

Abstract [Authors' English summary modified]: The resistance of 286 enteropathogenic strains of E. coli (selected from a total of 4864 strains) to tetracycline antibiotics was investigated. When the farm animals were fed antibiotics, resistant mutants of E. coli were found. On a farm where antibiotics were not used in the food, only 2 out of 107 strains were resistant; where antibiotics were used the majority of the strains were resistant. 1 Table, 1 Western, 1 USSR reference. (Manuscript received 27 Jun 66).

1/1

PARRAKOVA, Edita (Bratislava, ul. GA 40)

Microbiologic analysis of soil for hygienic purposes. Lek. obsor
3 no.3-4:173-177 1954.

1. Z Oblastneho ustavu hygieny.
(SOIL, bacteriology,
*sanit. aspects)
(BACTERIA,
*in soil, sanit. aspects)

PARRE, F.

Vortsjarv ravatta at Valma. n. 500

KEHKULTUUR. (KEHAKULTUURI-JA SPOODIECHIT EN) Tallinn, Estonia.

Monthly List of East European Accessions (EEAI) 10, Vol. 8, No. 12, Dec. 1950
Uncl.

PARRE, Yu.Yu.

Conference on problems in the prophylaxis and treatment of diseases
in young animals. Veterinariia 38 no.1:94 Ja '61. (MIRA 15.4)
(Estonia--Veterinary medicine)

PARRE, Yu. Yu., SOLOV'EV, S. I., KIRICHENKO, L. S.

"Conference on problems of prophylaxis and therapy of young animal diseases."

Veterinariya, Vol. 38, no. 1, p. 94, 1961.

KAARDE, I., prof., red.; PARRE, Yu. [Parre, J.], kand. vet. nauk, red.;
RIDALA, V., prof., doktor vet. nauk, red.; TILGA, V., doktor vet.
nauk, red.; LEEK, K., tekhn. red.

[Diseases of swine] Bolezni svinei. Tartu, Izd. Estonskoi sel'-
khoz. Akad. i Estonskogo nauchno-issl. in-ta zhivotnovodstva i
veterinarii, 1960. 349 p. (MIRA 15:1)

1. Tartu. Eesti põllumajanduse akadeemia. 2. Estonskiy nauchno-
issledovatel'skiy institut zhivotnovodstva i veterinarii (for
Tilga). 3. Estonskaya sel'skokhozyaystvennaya akademiya (for
Ridala).

(Swine--Diseases and pests)

PARSADANOV, G.G.

KUCHEROVA, V.M.; PARSADANOV, G.G.

Rupture of uterine vessels during labor. Akush. i gin. 34 no.1:106
Ja-P '58. (MIRA 11:4)

1. Iz roditel'nogo doma (zav. V.M.Kucherova) stenitsy Ordzhonikidzev-
skoy Groznenskoj oblasti.
(UTERUS--BLOOD SUPPLY)

PARSADANOVA, E.A.

Occurrence of the Carboniferous and Devonian oil in the Trans-Volga region near Kuybyshev and adjacent regions of Chkalov Province. Avtoref. nauch. trud. VNIIGRI no.17:28-39 '56. (MIRA 11:6)
(Volga Valley--Petroleum geology)
(Orenburg Province--Petroleum geology)

1. SOKLAKOV, F.V.; PARSADANOV, MELIK / .I.
2. USSR (600)
4. Masonry
7. Testing and selecting tools and devices for stone work, Engs. F.V. Soklakov, A.I. Melik-Parsadanova, Stroitel'stvo no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

Parsadanov, N.Ya.

10-8/60

AUTHOR: Parsadanov, N.Ya., Candidate of Philosophical Sciences,
Dotsent

TITLE: On the Organization of the Teaching of Esthetics (Ob organizatsii prepodavaniya estetiki)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 10, pp 35-37 (USSR,

ABSTRACT: The author states that wrong tendencies have recently appeared in the teaching of esthetics. There is no coordination between the teaching methods and scientific research. At some universities and also at some faculties of philology and philosophy, esthetics is not dealt with at all.

This subject must be included into the program because youth is not well acquainted with life and art - showing at times bad taste, wrong ideas on the problems and mission of art, and bourgeois-anarchic tendencies. Marxist-Leninist propaganda in artistic production is an important educational factor.

The author suggests introducing the teaching of esthetics into all vuzes and also into the aspirant training program. For this, forms and methods of training must be established.

Card 1/2

PARSADANOVA, E.A.; BERLIN, Yu.M.; ORLOVA, I.N.; FADEYEV, M.I.; CHERNOVA, Ye.N.; YARIKOV, G.M.

Carboniferous sediments of the western part of the northern Caspian oil- and gas-bearing basin. [Trudy] NILneftegaza no.10:182-222 '63. (MIRA 18:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti; Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i gazovoy promyshlennosti; Nizhnevolzhskiy nauchno-issledovatel'skiy institut geologii i geofiziki i Kuybyshevskiy nauchno-issledovatel'skiy institut neftyanoy promyshlennosti.

PARSADANOVA, E. A.; BERLIN, Y. M.

Some new data for differentiating the Lower and Middle Carboniferous carbonate formations in the middle Volga Valley. Izv. AN SSSR, Ser. geol. 29 no. 1:87-94 Ja '64. (MIRA 17-5)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti, Moskva.

ALIMBARASHVILI, A.N.[deceased]; MAKANDARASHVILI, Sh.S.;
PARSADANOVA, E.I.

Observations of a 1.4 m wavelength solar radio emission.
Biul. Abast. astrofiz. obser. no.29:51-54 '62.
(MIRA 16:4)

(Solar radiation--Observations)

PARSADANIAN, G.K.

Phosphoprotein phosphatase activity, phosphoprotein and protein
content of subcellular elements in experimental thyrotoxicosis.
Izv. AN Arm. SSR. Biol. nauki 12 no.12:85-92 D 164. 1964.

1. Institut biokhimi AN UkrSSR, Kiev.